

846 Inventory Inquiry/Advice

Functional Group ID=**IB**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Notes:

1. Organizations use this transaction set to provide supply planning information to Vendors as an Inquiry transaction. Vendors use this transaction set to provide advice in response to inquiries.

2. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	0100	ST	Transaction Set Header	M	1		
5	0200	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
Not Used	0400	CUR	Currency	O	1		
Not Used	0500	DTM	Date/Time Reference	O	10		
Not Used	0600	REF	Reference Identification	O	12		
Not Used	0700	PER	Administrative Communications Contact	O	3		
Not Used	0750	MEA	Measurements	O	20		
LOOP ID - N1						5	
7	0800	N1	Name	O	1		
Not Used	0900	N2	Additional Name Information	O	2		
Not Used	1000	N3	Address Information	O	2		
Not Used	1100	N4	Geographic Location	O	1		
Not Used	1200	REF	Reference Identification	O	12		
Not Used	1300	PER	Administrative Communications Contact	O	3		

			LOOP ID - LM		10
Not Used	1400	LM	Code Source Information	O	1
Not Used	1500	LQ	Industry Code	M	100

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			10000	
9	0100	LIN	Item Identification	M	1		
12	0300	PID	Product/Item Description	O	200		
Not Used	0400	MEA	Measurements	O	40		
Not Used	0500	PKG	Marking, Packaging, Loading	O	25		
Not Used	1000	DTM	Date/Time Reference	O	10		
Not Used	1100	CTP	Pricing Information	O	25		
Not Used	1200	CUR	Currency	O	1		
Not Used	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
14	1400	REF	Reference Identification	O	>1		
Not Used	1500	PER	Administrative Communications Contact	O	3		
Not Used	2200	SDQ	Destination Quantity	O	500		
Not Used	2300	MAN	Marks and Numbers	O	1		
Not Used	2350	UIT	Unit Detail	O	5		
Not Used	2400	CS	Contract Summary	O	1		
Not Used	2500	DD	Demand Detail	O	>1		
Not Used	2550	G53	Maintenance Type	O	1		
Not Used	2560	PCT	Percent Amounts	O	>1		
Not Used	2570	LDT	Lead Time	O	12		
			LOOP ID - LM			10	
16	2600	LM	Code Source Information	O	1		
17	2700	LQ	Industry Code	M	100		
			LOOP ID - SLN			1000	
Not Used	2800	SLN	Subline Item Detail	O	1		
Not Used	2900	PID	Product/Item Description	O	200		
Not Used	3000	MEA	Measurements	O	40		
Not Used	3100	PKG	Marking, Packaging, Loading	O	25		
			LOOP ID - MAN			100	
Not Used	3120	MAN	Marks and Numbers	O	1		
Not Used	3140	MEA	Measurements	O	40		
			LOOP ID - QTY			99	
18	3200	QTY	Quantity	O	1		
Not Used	3300	UIT	Unit Detail	O	12		
Not Used	3400	MEA	Measurements	O	25		
Not Used	3500	LDT	Lead Time	O	12		
20	3550	DTM	Date/Time Reference	O	10		
			LOOP ID - SCH			25	
Not Used	3600	SCH	Line Item Schedule	O	1		

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Not Used	3700	MEA	Measurements	O	25	
LOOP ID - LM						>1
Not Used	3750	LM	Code Source Information	O	1	
Not Used	3760	LQ	Industry Code	M	100	
Not Used	3800	LS	Loop Header	O	1	
LOOP ID - REF						>1
Not Used	3900	REF	Reference Identification	O	1	n1
Not Used	4000	DTM	Date/Time Reference	O	>1	
Not Used	4100	N1	Name	O	1	
LOOP ID - LM						10
Not Used	4200	LM	Code Source Information	O	1	
Not Used	4300	LQ	Industry Code	M	100	
Not Used	4400	LE	Loop Trailer	O	1	
LOOP ID - N1						200
Not Used	4500	N1	Name	O	1	
Not Used	4600	N2	Additional Name Information	O	2	
Not Used	4700	N3	Address Information	O	2	
Not Used	4800	N4	Geographic Location	O	1	
Not Used	4900	REF	Reference Identification	O	12	
Not Used	5000	PER	Administrative Communications Contact	O	3	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	0100	CTT	Transaction Totals	O	1		n2
21	0200	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The REF loop conveys serial number, lot number, and inventory data.
2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

Segment: ST Transaction Set Header**Position:** 0100**Loop:****Level:** Heading**Usage:** Mandatory**Max Use:** 1**Purpose:** To indicate the start of a transaction set and to assign a control number**Syntax Notes:**

- Semantic Notes:**
- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
 - 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:**Data Element Summary**

	Ref. Des.	Data Element	Name	<u>Attributes</u>		
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 846 Inventory Inquiry/Advice	M	1	ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M	1	AN 4/9
	ST03	1705	Implementation Convention Reference Reference assigned to identify Implementation Convention	O	1	AN 1/35

Segment: **BIA** Beginning Segment for Inventory Inquiry/Advice
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set
Syntax Notes:
Semantic Notes:

- 1 BIA03 identifies the number of the inquiry/advice that is transferred.
- 2 BIA04 identifies the date of the inquiry/advice that is transferred.
- 3 BIA05 identifies the time of the inquiry/advice that is transferred.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BIA01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M 1 ID 2/2
M	BIA02	755	Report Type Code Code indicating the title or contents of a document, report or supporting item MM Manufacturer Inventory Report PI Product Availability Inquiry	M 1 ID 2/2
M	BIA03	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M 1 AN 1/50
M	BIA04	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <i>This date is the date of transaction set preparation and corresponds to the Universal Time Coordinate (UTC).</i>	M 1 DT 8/8
	BIA05	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>1. Express the originating activity's time of transaction set preparation in UTC.</i>	O 1 TM 4/8

<i>2. Express time in a four-position (HHMM) format.</i>			
Not Used	BIA06	306	Action Code
			Code indicating type of action

Segment:	N1 Name
Position:	0800
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Must use 2 iterations of the 1/N1/0800 loop to identify the organizations originating the transaction set and to receive the transaction set.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	Entity Identifier Code	M 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			<i>Use any code.</i>	
			Refer to 004030 Data Element Dictionary for acceptable code values.	
Not Used	N102	93	Name	X 1 AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X 1 ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC)	
		33	Commercial and Government Entity (CAGE)	
	N104	67	Identification Code	X 1 AN 2/80
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O 1 ID 2/2
			Code describing entity relationship	
	N106	98	Entity Identifier Code	O 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		FR	Message From	

TO

*Use in conjunction with the appropriate
1/N101/0800 code to indicate the organization cited
in N104 is originating the transaction set.*

Message To

*Use in conjunction with the appropriate
1/N101/0800 code to indicate the organization cited
in N104 is to receive the transaction set.*

Segment:	LIN Item Identification
Position:	0100
Loop:	LIN Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
LIN01	350	Assigned Identification	O	1 AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set		
M	LIN02	235 Product/Service ID Qualifier	M	1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		FS National Stock Number		
		MG Manufacturer's Part Number		
M	LIN03	234 Product/Service ID	M	1 AN 1/48
		Identifying number for a product or service		
	LIN04	235 Product/Service ID Qualifier	X	1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		MG Manufacturer's Part Number		

			ZB	Commercial and Government Entity (CAGE) Code			
	LIN05	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service				
	LIN06	235	Product/Service ID Qualifier		X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
			ZB	Commercial and Government Entity (CAGE) Code			
	LIN07	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service				
Not Used	LIN08	235	Product/Service ID Qualifier		X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
Not Used	LIN09	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service				
Not Used	LIN10	235	Product/Service ID Qualifier		X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
Not Used	LIN11	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service				
Not Used	LIN12	235	Product/Service ID Qualifier		X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
Not Used	LIN13	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service				
Not Used	LIN14	235	Product/Service ID Qualifier		X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
Not Used	LIN15	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service				
Not Used	LIN16	235	Product/Service ID Qualifier		X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
Not Used	LIN17	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service				
Not Used	LIN18	235	Product/Service ID Qualifier		X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
Not Used	LIN19	234	Product/Service ID		X	1	AN 1/48
			Identifying number for a product or service				
Not Used	LIN20	235	Product/Service ID Qualifier		X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

Not Used	LIN21	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48
Not Used	LIN22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1	ID 2/2
Not Used	LIN23	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48
Not Used	LIN24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1	ID 2/2
Not Used	LIN25	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48
Not Used	LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1	ID 2/2
Not Used	LIN27	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48
Not Used	LIN28	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1	ID 2/2
Not Used	LIN29	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48
Not Used	LIN30	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	1	ID 2/2
Not Used	LIN31	234	Product/Service ID Identifying number for a product or service	X	1	AN 1/48

Segment:	PID	Product/Item Description
Position:	0300	
Loop:	LIN	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	200	
Purpose:	To describe a product or process in coded or free-form format	
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID04 is required. 5 If PID09 is present, then PID05 is required. 	
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05. 	
Comments:	<ol style="list-style-type: none"> 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03. 	

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M	PID01	349	Item Description Type	M	1	ID 1/1
			Code indicating the format of a description			
			F Free-form			
Not Used	PID02	750	Product/Process Characteristic Code	O	1	ID 2/3
			Code identifying the general class of a product or process characteristic			
Not Used	PID03	559	Agency Qualifier Code	X	1	ID 2/2
			Code identifying the agency assigning the code values			
Not Used	PID04	751	Product Description Code	X	1	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic			
	PID05	352	Description	X	1	AN 1/80
			A free-form description to clarify the related data elements and their content			
Not Used	PID06	752	Surface/Layer/Position Code	O	1	ID 2/2
			Code indicating the product surface, layer or position that is being described			

Not Used	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O	1	AN 1/15
Not Used	PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O	1	ID 1/1
Not Used	PID09	819	Language Code Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O	1	ID 2/3

Segment: **REF** **Reference Identification**
Position: 1400
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/50
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification	X AN 1/50

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **LM** **Code Source Information**
Position: 2600
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	LM01	559	Agency Qualifier Code	M 1 ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	Source Subqualifier	O 1 AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment: **LQ** Industry Code
Position: 2700
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O 1 ID 1/3
		Code identifying a specific industry code list	
		PL Priority Lookup	
LQ02	1271	Industry Code	X 1 AN 1/30
		Code indicating a code from a specific industry code list	

Segment: **QTY** Quantity
Position: 3200
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
	QTY02	380	Quantity Numeric value of quantity <i>Express as a whole number with no decimals.</i>	X 1 R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O 1
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use to identify the unit of issue for the material.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10

Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	QTY04	61	Free-Form Message Free-form information	X	1 AN 1/30

Segment: **DTM** **Date/Time Reference**

Position: 3550

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
Not Used	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X 1 TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O 1 ID 2/2
Not Used	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X 1 ID 2/3
Not Used	DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X 1 AN 1/35

Segment: **SE** Transaction Set Trailer
Position: 0200
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M	SE01	96	Number of Included Segments	M	1	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments			
M	SE02	329	Transaction Set Control Number	M	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
			<i>Cite the same number as the one cited in ST02.</i>			